

## Position Description (PD) for Yucca Mountain Lead Lab Activities

Position Description Number	YM008	
Creation Date of PD	7/5/06	
Job Title	Risk Analyst	
SNL Dept Name	Subsystems Performance Assessment Department	
SNL Org Number (or TBD)	06852	
Number of Openings	1	
Description of Position	Subsystems Performance Assessment Analyst: A lead biosphere analyst with a strong health physics background is needed to provide technical support for process (or subsystem) models utilized in the total systems performance assessment (TSPA) of deep geologic repositories for radioactive waste at Yucca Mountain.	
Required Skills & Experience	This position requires at least 5 years of experience in the development and implementation of biosphere modeling for the Yucca Mountain Project (YMP) This includes analyses of experimental (laboratory and field) data, conceptual and numerical model development and validation, and documentation of results within a regulatory framework. Excellent communication and interpersonal skills are required, as well as the ability to work in a team environment and interact effectively with a broad range of colleagues.	
Desired Skills & Experience (if applicable)	Experience interacting or presenting to the Nuclear Regulatory Commission (NRC) or the Nuclear Waste Technical Review Board (NWTRB) is desired.	
Required Education (Degrees & Levels)	An advanced degree in natural science or engineering with an emphasis in health physics.	
Desired Education (Degrees & Levels - if applicable)	Ph.D. is desired but not required.	
Full Time Position? (Y/N)	Y	
Job Requires lifting 35+ Pounds (Y/N)	N	
Desired Start Date	10/1/06	
Can this position accommodate...		
Part Time Employees? (Y/N)	Telecommuting? (Y/N)	Foreign Nationals? (Y/N)
N	N	N

Please Select All Related WBS Elements for this PD  
(required for distributing PDs to contract providers for sourcing)

WBS Elements of 1.5.03		X
1.5.03.09	Biosphere - Post Closure Safety	X

Sand #: 2006-4508W